

**EAST Search History**

| Ref # | Hits    | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|-----------------|------------------|---------|------------------|
| L1    | 5351470 | inside\$3 or incorpor\$4 or within  | US-PGPUB; USPAT | OR               | ON      | 2009/04/24 13:54 |
| L2    | 4693623 | @ad<"20040317"  | US-PGPUB; USPAT | OR               | ON      | 2009/04/24 13:54 |
| L3    | 26773   | sample near3 (stepp\$4 or mov\$4)   | US-PGPUB; USPAT | OR               | ON      | 2009/04/24 13:54 |
| L4    | 2882    | L1 with L3  | US-PGPUB; USPAT | OR               | ON      | 2009/04/24 13:54 |
| L5    | 515081  | hand\$held or probe   | US-PGPUB; USPAT | OR               | ON      | 2009/04/24 13:54 |
| L6    | 250     | L4 with L5  | US-PGPUB; USPAT | OR               | ON      | 2009/04/24 13:54 |
| L7    | 169     | L2 and L6   | US-PGPUB; USPAT | OR               | ON      | 2009/04/24 13:54 |
| S1    | 9       | ((ALI) near2 (DABIRI)). INV.  | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 13:51 |
| S2    | 8       | ((MANOUCHEHRI) near2 (MOTAMEDI)).INV.   | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 13:51 |
| S3    | 15      | S1 or S2  | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 13:52 |
| S4    | 9       | ("4170987"   "4515165"   "4556057"   "4948974"   "5172685"   "5318024"   "5507287"   "5782770"   "6078047").PN. | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 13:58 |
| S5    | 1520    | MOEM\$1 or (micro\$opt \$select\$mechanic\$)  | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 14:16 |
| S6    | 5646    | terahertz or thz  | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 14:17 |
| S7    | 2060759 | tissue or body  | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 14:17 |
| S8    | 4693612 | @ad<"20040317"  | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 14:17 |
| S9    | 3967    | rapid near3 scan\$4 near3 delay near3 line or (RSOD or RSD)   | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 14:18 |
| S10   | 0       | S5 and S6 and S7 and S8 and S9  | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 14:18 |
| S11   | 1       | S5 and S6 and S8 and S9   | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 14:19 |
| S12   | 336     | (terahertz or thz) near3 imag\$4  | US-PGPUB; USPAT | OR               | ON      | 2009/04/22 14:19 |

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|-----|---------|--|-----------------|----|----|------------------|
| S13 | 2184785 | tissue or body or diagno\$5  | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:20 |
| S14 | 68      | S8 and S12 and S13   | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:20 |
| S15 | 120     | S8 and S12   | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:20 |
| S16 | 2       | S8 and S12 and S13 and S5  | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:26 |
| S17 | 5571    | scan\$4 near3 delay near3 line or (RSOD or RSD)  | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:27 |
| S18 | 11      | S14 and S17  | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:27 |
| S19 | 63856   | chopp\$4   | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:27 |
| S20 | 0       | S18 and S19  | US-PGPUB; USPAT | OR | ON | 2009/04/22 14:27 |
| S21 | 8       | (US-20030149346-\$ or US-20040065832-\$).did. or (US-6992824-\$ or US-6839172-\$ or US-7214940-\$ or US-5710430-\$ or US-5623145-\$ or US-7335883-\$).did. | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:06 |
| S22 | 63923   | chopp\$4   | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:07 |
| S23 | 0       | S21 and S22  | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:07 |
| S24 | 0       | 10/801922  | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:07 |
| S25 | 1349    | chopp\$4 with known with art   | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:08 |
| S26 | 1348258 | optic\$  | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:08 |
| S27 | 425     | S25 and S26  | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:08 |
| S28 | 4693623 | @ad<"20040317"   | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:08 |
| S29 | 1347906 | optic\$4   | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:09 |
| S30 | 276     | S25 and S28 and S29  | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:09 |
| S31 | 13843   | femto\$  | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:10 |
| S32 | 2       | S30 and S31  | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:10 |
| S33 | 102072  | hand\$held near3 (probe or system or device)   | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:12 |

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|-----|---------|--|-----------------|----|----|------------------|
| S34 | 10778   | match\$4 near3 amplif\$4                         | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:13 |
| S35 | 1288723 | display  | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:13 |
| S36 | 1020    | sample near3 stepp\$4                            | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:13 |
| S37 | 0       | S28 and S33 and S34 and S35 and S36              | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:14 |
| S38 | 82      | S28 and S33 and S34 and S35                      | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:14 |
| S39 | 0       | S25 and S38                                      | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:14 |
| S40 | 63923   | chopp\$4   | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:14 |
| S41 | 38      | S38 and S40                                      | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:14 |
| S42 | 44      | S38 not S41                                      | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:16 |
| S43 | 76801   | chop\$7  | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:34 |
| S44 | 1537    | chop\$4 with known with art                      | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:53 |
| S45 | 62      | (match\$4 near3 amplif\$4) with known with art   | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:53 |
| S46 | 0       | S44 and S45                                      | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:53 |
| S47 | 14      | S28 and S29 and S45                              | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:54 |
| S48 | 296     | S28 and S29 and S44                              | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:54 |
| S49 | 336     | (terahertz or thz) near3 imag\$4                 | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:54 |
| S50 | 0       | S48 and S49                                      | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:54 |
| S51 | 0       | S28 and S44 and S49                              | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:54 |
| S52 | 0       | S28 and S45 and S49                              | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:56 |
| S53 | 236     | (match\$4 near3 amplif\$4) with known            | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:56 |
| S54 | 45      | S28 and S29 and S53                              | US-PGPUB; USPAT | OR | ON | 2009/04/23 13:56 |
| S55 | 276     | (match\$4 near3 amplif\$4) same (known with art) | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:00 |
| S56 | 206     | S28 and S55                                      | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:00 |

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| S57 | 0      | S49 and S56  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:00 |
| S58 | 10778  | (match\$4 near3 amplif\$4)   | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:00 |
| S59 | 1      | S28 and S49 and S58  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:01 |
| S60 | 2334   | (terahertz or thz) and imag \$4  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:01 |
| S61 | 20     | S58 and S60  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:01 |
| S62 | 11     | S61 and S28  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:01 |
| S63 | 169    | (match\$4 near3 amplif\$4) same (well with known with art)   | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:03 |
| S64 | 134    | S28 and S63  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:03 |
| S65 | 39     | (match\$4 near3 amplif\$4) with (well with known with art)   | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:04 |
| S66 | 29     | S28 and S65  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:04 |
| S67 | 4216   | (match\$4) with (well with known with art)   | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:07 |
| S68 | 987    | S28 and S29 and S67  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:07 |
| S69 | 3      | S28 and S67 and S60  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:07 |
| S70 | 10748  | (match\$4) with (known with art)   | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:08 |
| S71 | 14     | S28 and S60 and S70  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:08 |
| S72 | 14     | S71 not S62  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:08 |
| S73 | 1146   | (match\$4) with imped\$6 with (known with art)   | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:11 |
| S74 | 1      | S28 and S60 and S73  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:12 |
| S75 | 10     | (US-20030149346-\$ or US-20040065832-\$ or US-20040254435-\$).did. or (US-6392824-\$ or US-6839172-\$ or US-7214940-\$ or US-5710430-\$ or US-5623145-\$ or US-7335883-\$ or US-4784149-\$).did. | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:15 |
| S76 | 800628 | fiber  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:16 |

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| S77 | 2       | S75 and S76  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:16 |
| S78 | 13      | S28 and S33 and S60  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:18 |
| S79 | 120     | S28 and S49  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:23 |
| S80 | 178674  | hand\$held   | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:27 |
| S81 | 2       | S79 and S80  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:27 |
| S82 | 351039  | probe  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:29 |
| S83 | 62      | S79 and S82  | US-PGPUB; USPAT | OR | ON | 2009/04/23 14:29 |
| S84 | 162     | kinoform\$4 near3 lens   | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:58 |
| S85 | 177     | kino\$8 near3 lens\$4  | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:58 |
| S86 | 4693623 | @ad<"20040317"   | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:58 |
| S87 | 2334    | (terahertz or thz) and imag \$4  | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:58 |
| S88 | 2       | S85 and S86 and S87  | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:58 |
| S89 | 138     | S85 and S86  | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:59 |
| S90 | 16      | (kino\$8 near3 lens\$4) same size  | US-PGPUB; USPAT | OR | ON | 2009/04/24 10:59 |
| S91 | 15      | S86 and S90  | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:00 |
| S92 | 24230   | fresnel  | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:05 |
| S93 | 20      | (US-20030149346-\$ or US-20040065832-\$ or US-20040254435-\$ or US-20040155665-\$ or US-20030178584-\$ or US-20030155512-\$).did. or (US-6992824-\$ or US-6839172-\$ or US-7214940-\$ or US-5710430-\$ or US-5623145-\$ or US-7335883-\$ or US-4784149-\$ or US-6986739-\$ or US-7174037-\$ or US-7152007-\$ or US-6958853-\$ or US-6957099-\$ or US-6828558-\$ or US-6388799-\$).did. | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:05 |

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|------|---------|--------------------------------------|-----------------|----|----|------------------|
| S94  | 0       | S92 and S93                          | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:05 |
| S95  | 24336   | fresnel\$8                           | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:06 |
| S96  | 0       | S93 and S95                          | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:06 |
| S97  | 100     | S86 and S87 and S95                  | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:09 |
| S98  | 45817   | fresnel\$8 or kino\$8                | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:10 |
| S99  | 115     | S86 and S87 and S98                  | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:10 |
| S100 | 3158    | (fresnel\$8 or kino\$8) same size    | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:10 |
| S101 | 4       | S99 and S100                         | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:10 |
| S102 | 515081  | hand\$held or probe                  | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:25 |
| S103 | 26773   | sample near3 (stepp\$4 or mov\$4)    | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:25 |
| S104 | 1288723 | display                              | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:25 |
| S105 | 5893736 | in                                   | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:26 |
| S106 | 458     | S102 with S103 with S105             | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:26 |
| S107 | 277     | S86 and S106                         | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:27 |
| S108 | 5291    | S102 with S104 with S105             | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:27 |
| S109 | 20      | S86 and S106 and S108                | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:27 |
| S110 | 952     | S102 with incorporat\$4 with display | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:31 |
| S111 | 484     | S86 and S110                         | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:31 |
| S112 | 0       | S87 and S111                         | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:32 |
| S113 | 130     | S111 and sample                      | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:32 |
| S114 | 5351470 | inside\$3 or incorporat\$4 or within | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:49 |
| S115 | 4693623 | @ad<"20040317"                       | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:49 |
| S116 | 26773   | sample near3 (stepp\$4 or mov\$4)    | US-PGPUB; USPAT | OR | ON | 2009/04/24 11:49 |

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|------|--------|------------------------|--------------------|----|----|---------------------|
| S117 | 2882   | S114 with S116         | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>11:49 |
| S118 | 515081 | hand\$held or probe    | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>11:50 |
| S119 | 711    | S115 and S117 and S118 | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>11:50 |
| S120 | 250    | S117 with S118         | US-PGPUB;<br>USPAT | OR | ON | 2009/04/24<br>11:50 |

4/ 24/ 2009 3:08:21 PM

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